Joint Base Lewis-McChord (JBLM)

Joint Base Safety and Occupational Health (SOH) Program

Bottom Line Up Front

- We are forward-focused, built on risk management doctrine, aligned with DoD and service component guidance
- We involve, engage and support leaders
- We are intensely customer-focused
- We steer by standards, using disciplined processes to manage mishap risks
- We emphasize program links among Joint Base Safety, Occupational Health, Industrial Hygiene, Fire, Environmental

JBSO Mission

Advise, audit and assist commanders and managers in executing their Safety and Occupational Health Program, in order to protect mission, prevent injury, prevent damage, comply with the law, and limit liability.

JBSO Vision: CLEAR

- **C**ustomers first
- **L**ead by example
- **E**xpect to be Green and “T”
- **A**nticipate
- **R**eady to respond

JBSO CMETL

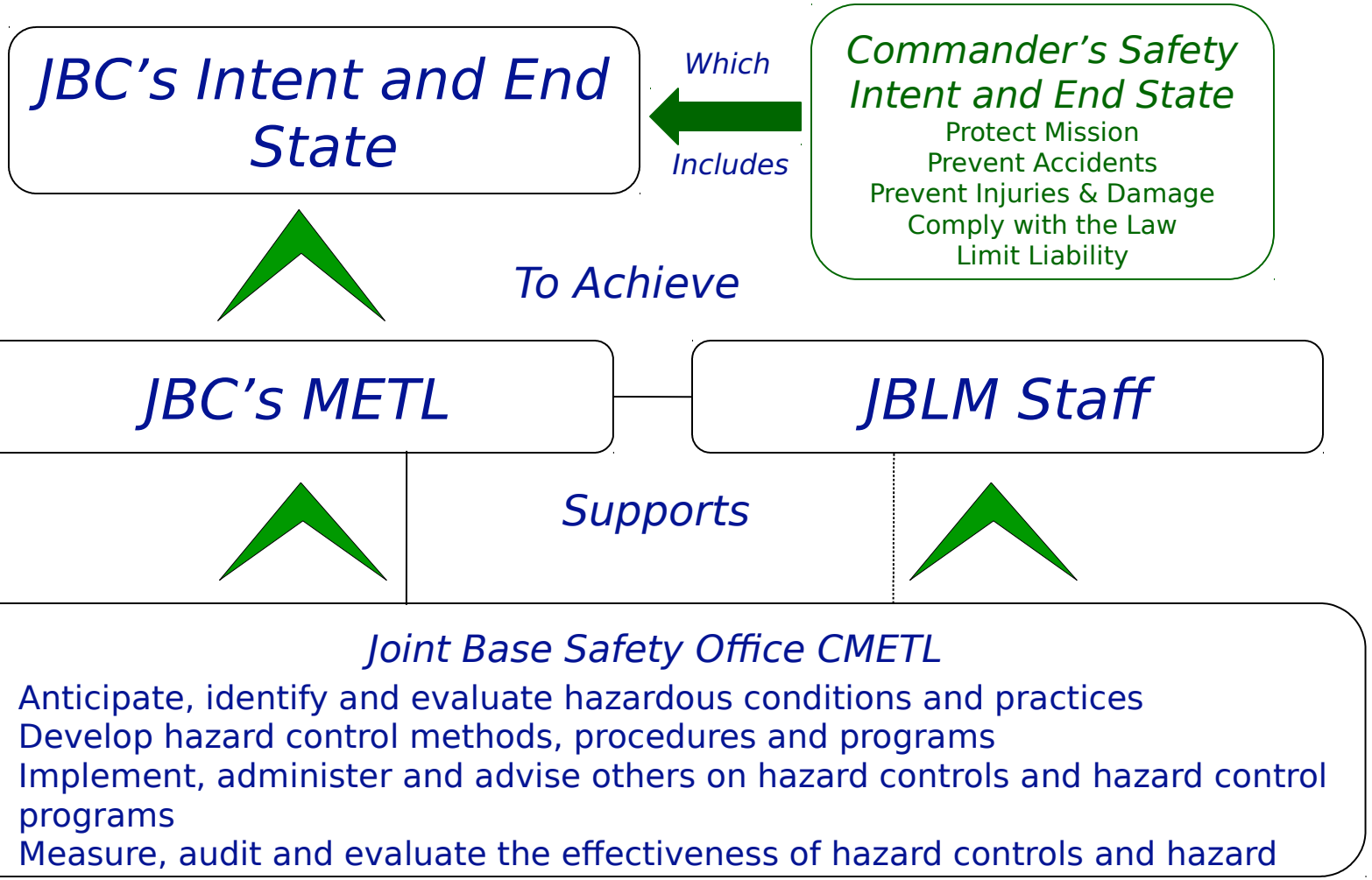
1. Anticipate, identify and evaluate hazardous conditions and practices (7 sub-tasks).

2. Develop hazard control methods, procedures and programs (6 sub-tasks).

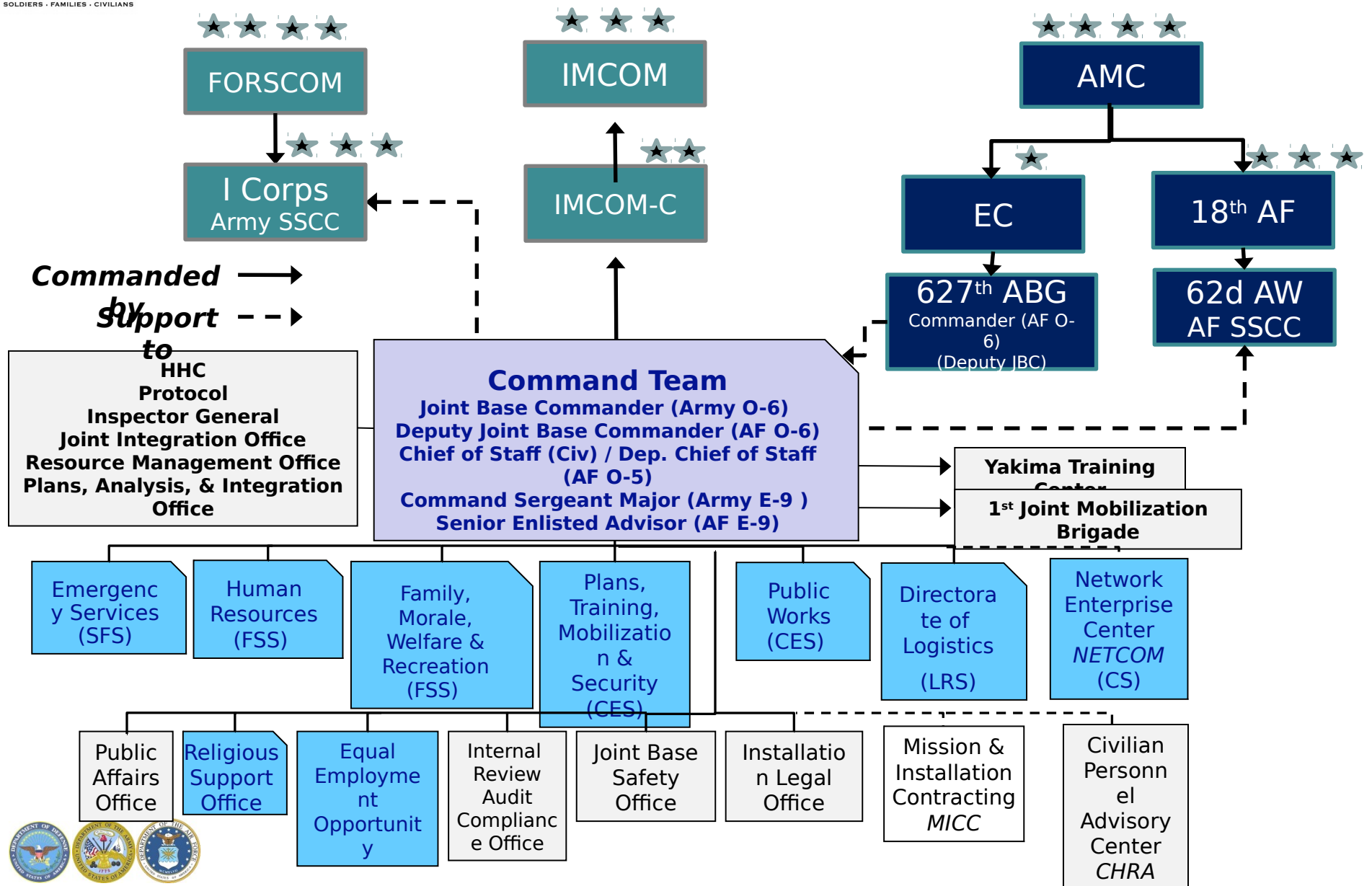
3. Implement, administer and advise others on hazard controls and hazard control programs (7 sub-tasks).

4. Measure, audit and evaluate the effectiveness of hazard controls and hazard control programs (4 sub-tasks).

JBSO METL Trace

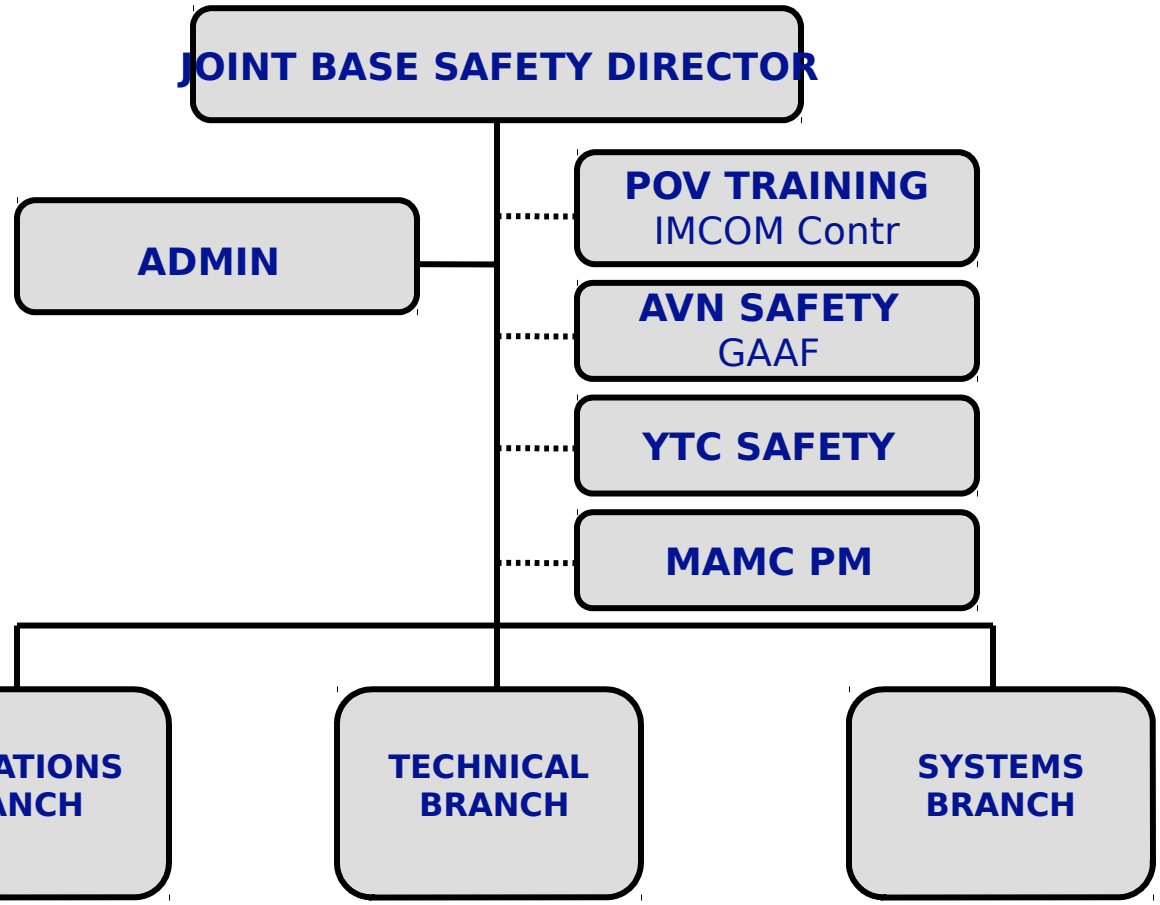

JBC's Intent and End State
Which
Includes
Commander's Safety Intent and End State
Protect Mission
Prevent Accidents
Prevent Injuries & Damage
Comply with the Law
Limit Liability
To Achieve
JBC's METL
JBLM Staff
Supports
Joint Base Safety Office CMETL
• Anticipate, identify and evaluate hazardous conditions and practices
• Develop hazard control methods, procedures and programs
• Implement, administer and advise others on hazard controls and hazard control programs
• Measure, audit and evaluate the effectiveness of hazard controls and hazard

HQ, Joint Base Lewis-McChord
(with Command Relationships)



JBLM Systematic Safety Management Model Matrix

Joint Base Safety Office



- Primary JBSO POCs for JBLM, and JBLM resident and tenant commands. SMEs in:
  - Workplace SOH
  - Community & Public
  - Transportation
  - Home, Family & Recreation
  - Transportation

- JBSO SMEs for specific technical areas
  - Radiation
  - Explosives and Ammo
  - Emergency Response
  - Ranges

- JBSO SMEs for specific technical areas
  - Facility Systems Safety
  - Equipment Systems Safety
  - Safety Information Systems
  - Statistical Analysis

JBSO Roles and Responsibilities

- Joint Base Commander (JBC) Standardization, Oversight and Synchronization hub for JBLM fence line safety program policies and procedures
- Joint Base Headquarters (JBLM) Corporate Safety Program Management (HQ, All Directorates, Support Offices)
- DoD Joint Base Common Output Levels Standards (COLS) services to all resident commands in support of their internal Safety Program Management

JBSO COLS Support

(from the JBLM COLS Catalog)

For Resident Commands with Safety Professionals

By Default	On Request	On Request (above standard level of service)
assistance for accident investigation boards	• Program evaluations (4-year cycle)	• Assist with customer accident response and investigation
• Emergency response safety	• Assistance in evaluating identified workplace SOH hazards	• Support for special shipments
• Joint Base SOH* awareness documents and support materials.	• Access on request to the Base Safety Information System (additional on-line safety references and tools)	• Support during non-duty hours
• Any JBLM HHQ-required oversight	• Enrollment in any SOH training course offered to the JBLM population	• More frequent evaluations
	• General SOH technical and program advice and assistance	• Accompany on workplace inspections
	• Awards and promotional material for Joint Base-managed safety incentive programs	• In-depth technical and management consultation and assistance
		• Awards other than JBLM
		• Materials beyond standard distribution
		• Funding or instructors for on-site SOH training

**SOH – Safety and Occupational Health*

JBSO COLS Support

(from the JBLM COLS Catalog)

For Resident Commands with Collateral or Additional Duty Safety Officers Only

By Default	On Request	On Request (above standard level of service)
assistance for accident investigation boards	• Program evaluations (4-year cycle)	• Assist with C and below accident investigations
• Emergency response safety	• Accompany ADSOs in their high or ext high risk workplace inspections	• Support for special shipments
• Joint Base SOH awareness documents and support materials.	• Assist with on-duty Class A or B initial response	• Support during non-duty hours
• Any HHQ-required oversight	• Assistance in evaluating identified SOH hazards	• More frequent evaluations
	• Access on request to the Base Safety Information System (additional on-line safety references and tools)	• Accompany on Moderate and Low Risk workplace inspections
	• General SOH technical and program advice and assistance	• In-depth technical and management consultation and assistance
	• Enrollment in any SOH training course offered to the JBLM population	• Awards other than JBLM
	• Awards and promotional	• Materials beyond standard distribution
		• Funding or instructors for on-site SOH training

**SOH – Safety and Occupational Health*

JBLM Mishap Safety and Legal Investigations

(Based on DoD JBIG Supplemental Guidance-Command Authorities)

JBSO	Other JBLM HQ Elements	Unit
• Office space	• Site access	• NOK notification
• Computer and phone support	• Preliminary, non-investigatory information release, both before and after NOK notification (PAO)	• Convene safety and legal investigations
• Communications	• Site security (DES)	• Fund, staff, and conduct investigations IAW its policies
• Local transportation	• Site cleanup and remediation (DPW)	• Mortuary affairs
• Reproduction and printing	• Wreckage removal, storage and security until board release (DOL)	
	• Contracting support	

**SOH – Safety and Occupational Health*

JBLM SOH Roles: All Resident Commands

- ✓ Implement and operate a comprehensive SOH program IAW DoD, US Army, USAF, JBLM, USDOL-OSHA, Nuclear Regulatory Commission, or other governing program standards.
- ✓ Maintain and support organic staff SOH personnel.
- ✓ Implement and maintain an ongoing SOH oversight and inspection program of major subordinate commands IAW US Army, USAF, JBLM, USDOL-OSHA, or other governing program standards.
- ✓ Establish an internal procedure for overseeing accident investigation and reporting for the command, and for constituting, appointing and supporting accident investigation boards (Includes component report forms and 300 logs)
- ✓ Develop and sustain command safety policy and procedures.
- ✓ Synchronize safety efforts where applicable with Joint Base Safety Office (facilities, training, equipment fielding, etc)

Built on Risk Management Doctrine

JBSO Staff METL

- Anticipate & identify / Assess & evaluate hazards.
- Design and develop hazard controls.
- Implement, administer, and advise.
- Measure, audit and evaluate hazard controls.

Joint Base Safety Management System

- Anticipate & identify hazards.
- Assess & evaluate hazards.
- Design and develop hazard controls.
- Implement, administer, and advise.
- Measure, audit and evaluate hazard controls.

BLUF

SOH METL Task Details

METL List

SOH METL Task 1 (p.1 of 4)

1. Anticipate, identify and evaluate hazardous conditions and practices.

a. Develop methods to:

(1) Anticipate and predict hazards from experience, historical data and other information sources.

(2) Identify and recognize hazards in existing or future systems, equipment, products, software, facilities, processes, operations and procedures during their expected life.

(3) Evaluate and assess the probability and severity of loss events and accidents which may result from actual or potential hazards.

b. Apply these methods to conduct hazard analyses and interpret results.

SOH METL Task 1 (p.2 of 4)

1. Anticipate, identify and evaluate hazardous conditions and practices.

c. Review, with the assistance of specialists where needed, entire systems, processes, and operations for failure modes, causes and effects of the entire system, process or operation and any subsystem or components due to:

(1) System, subsystem, or component failures.

(2) Human error.

(3) Incomplete or faulty decision making, judgments or administrative actions.

(4) Weaknesses in proposed or existing policies, directives, objectives or practices.

SOH METL Task 1 (p.3 of 4)

1. Anticipate, identify and evaluate hazardous conditions and practices.

d. Review, compile, analyze and interpret data from accident and loss event reports and other sources regarding injuries, illnesses, property damage, environmental effects or public impacts to:

(1) Identify causes, trends and relationships.

(2) Ensure completeness, accuracy and validity of required information.

(3) Evaluate the effectiveness of classification schemes and data collection methods.

(4) Initiate investigations.

e. Conduct research studies of existing or potential safety and health problems and issues.

METL List

SOH METL Task 1 (p.4 of 4)

1. Anticipate, identify and evaluate hazardous conditions and practices.

f. Determine the need for surveys and appraisals that help identify conditions or practices affecting safety and health, including those which require the services of specialists, such as physicians, health physicists, industrial hygienists, fire protection engineers, design and process engineers, ergonomists, risk managers, environmental professionals, psychologists and others.

g. Assess environments, tasks and other elements to ensure that physiological and psychological capabilities, capacities and limits of humans are not exceeded.

SOH METL Task 2 (p.1 of 2)

2. Develop hazard control methods, procedures and programs.

a. Formulate and prescribe engineering or administrative controls, preferably before exposures, accidents, and loss events occur, to:

(1) eliminate hazards and causes of exposures, accidents and loss events.

(2) reduce the probability or severity of injuries, illnesses, losses or environmental damage from potential exposures, accidents, and loss events when hazards cannot be eliminated.

b. Develop methods which integrate safety performance into the goals, operations and productivity of organizations and their management and into systems, processes, operations or their components.

c. Develop safety, health and environmental policies, procedures, codes and standards for integration into operational policies of organizations, unit operations, purchasing and contracting.

METL List

SOH METL Task 2 (p.2 of 2)

2. Develop hazard control methods, procedures and programs.

d. Consult with and advising individual and participating on teams

(1) engaged in planning, design, development and installation or implementation of systems or programs involving hazard controls.

(2) engaged in planning, design, development, fabrication, testing, packaging and distribution of products or services regarding SOH requirements and application of safety principles which will maximize product safety.

e. Advise and assist human resources specialists when applying hazard analysis results or dealing with the capabilities and limitations of personnel.

f. Stay current with technological developments, laws, regulations, standards, codes, products, methods and practices related to hazard controls.

SOH METL Task 3 (p.1 of 2)

3. Implement, administer and advise others on hazard controls and hazard control programs.

a. Prepare reports which communicate valid and comprehensive hazard controls which are based on analysis and interpretation of accident exposure, loss event and other data.

b. Use written and graphic materials, presentations and other communication media to recommend hazard controls and hazard control policies, procedures and programs to decision making personnel.

c. Direct or assist in planning and developing educational and training materials or courses.

d. Conduct or assist with courses related to designs, policies, procedures and programs involving hazard recognition and control.

METL List

SOH METL Task 3 (p.2 of 2)

3. Implement, administer and advise others on hazard controls and hazard control programs.

e. Provide advice and counsel about compliance with safety, health and environmental laws, codes, regulations and standards.

f. Advise others about hazards, hazard controls, relative risk and related safety matters when they are communicating with the media, community and public.

g. Manage and implement hazard controls and hazard control programs.

SOH METL Task 4 (p.1 of 1)

4. Measure, audit and evaluate the effectiveness of hazard controls and hazard control programs.

   a. Establish and implement techniques, which involve risk analysis, cost, cost-benefit analysis, work sampling, loss rate and similar methodologies, for periodic and systematic evaluation of hazard control and hazard control program effectiveness.

   b. Develop methods to evaluate the costs and effectiveness of hazard controls and programs and measure the contribution of components of systems, organizations, processes and operations toward the overall effectiveness.

   c. Provide results of evaluation assessments, including recommended adjustments and changes to hazard controls or hazard control programs, to individuals or organizations responsible for their management and implementation.

   d. Direct, develop, or help to develop management accountability and audit programs which assess safety performance of entire systems, organizations, processes and operations or their components and involve both deterrents and incentives.

METL List